M. A. R. 57 (Rule 116) No. E 536015

Measurement Book

Serial No. 2nd and final Bill E-Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency M/s Shri Charan Construction, prop: Sri. T.S Seethanda Rgd Bill by

Date of commencement of work D.O.Record - 24/03/2024 No.05, Srinivasa Bagath endorsed

Date	Full description, etc. of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Name of work : Improvements to Roads and drains at Devarshola and surrounding area in Wandoor-Oothanmoola					
	Estimated Cost Rs : 100.00 Lakhs.					
	JOB. NO : 006-21-00000					
	Work order no : BBMN/EE/DTO/WO/144/2020-21 Dt. 26.11.2020					
	Date of commencement : 29.11.2020					
	Date of completion : 24/03/2024					

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
①	Earthwork Excavation ~~for~~ by manual means for roads drains and similar works in ordinary do'l excavated Surface levelled and sides neatly dressed, the disposed Earth to be levelled neatly after breaking of clods Complete as per specifications.						
	Qty vide E.Bill. No. (1) p. no. (1) = 77~~2~~90 m³ @ 247.77/m³						16,8445.00 16,8750.0
②	Providing and laying plain cement Concrete of M 15 1:3:6 With OPC cement @ 220 kgs With crushed 40mm and down size graded granite metal Coarse						

M. A. R. 57 (Rule 116) **No. E** 536016
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregate of 0.89 m³ and fine aggregate @ 0.46 m³ in foundation mechanically mixed, placed in forms and Compacted by Vibrators including curing for 14 days including cost of materials, labour, form curing formwork scaffolding and cleaning complete as per specifications Mosrth specifications no. 2400.						
	Qty vide E. Bill No. (2) p. no (2) = 449.40 m³ @ 5687.57/m³						Rs 25,55,994.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Providing, laying plain reinforced cement concrete for side drains using M-20 nominal mix Concrete with OPC at 380 kgs. with 20mm and down size granite metal coarse aggregate at 0.69 cys and fine aggregate at 0.45 cys mixing mixed well compacted for wall and bottom including centering, shuttering costing materials, hire of machinery, curing etc complete, excluding cost of steel as per mass specifications no 1500, 1700, 2200. including costing materials, labour mixing complete as per specifications, wall and bottom thickness 15 cms						

M. A. R. 57 (Rule 116) No. E 536017
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty vide	R.Bill	Pg no. (3)	pro (2)		
		= 267.45 cy	@ 7416.64/cy				19,83,635.00
		266.19					19,74,235.00
4)	Providing TMT bars Fe.500 steel reinforcement for RCC Work including, straightening, cutting, bending, hooking placing in position, tapping and welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per design Clops, hooks, and Wastage shall not be paid) Costing materials, labour, hire of Machinery Complete as per specification, month specifications no 1600 and 2200 specification.						
	Qty vide R.Bill at no.(4) p.no.(2) = 16.05 MT, @ 68234.20/T						Rs 10,95,159.00
5)	Providing and laying pre-cast concrete dlide made out of Cc 1:2:4 with locks thick and finishing, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading						

M. A. R. 57 (Rule 116) **No. E** 536018
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	unloading, lead and lifts, transportation etc complete (State Rate) complete as per specifications and directions of Engineer-in-charge of the work.						
	Qty vide R.Bill at no.(5) p.no = 527.454 - 527.91 = 527.454 @ 2451.51/42						12,93,686.00 ~~12,93,047.00~~
6)	Constructing bituminous course 30mm to 75mm thick along with primer carpets/surface dressing by Roller Roller attached with scarifier without disturbing the base and						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Stacking the debris including cost of all labours charges Hamali mechanical complete as per specifications and directions of engineer-in-charge of the work.						
	Extra rate R.Bill No. (6)						
	p.no (3) = 1237.78					43.37/m³	54585.00 / 54550.00
(7)	Excavation for Road work in all types of soils by mechanical means including cutting and loading to tippers, trimming bottom and side slopes in accordance with requirements of lines, grades, cross sections and transportation with lead & lifts and complete as per specifications, Measurements loading unloading lifts lifts lead						

M. A. R. 57 (Rule 116) No. E 536019
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Extra rate R.Bill No (7)					
		p.no = (447.57)				447.57 m³ @ 59.02/m³	26447.50 / 26424.00
8)	Compaction of original ground by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with lines, grades, cross sections and transportation with lead & lifts, filling in depressions occurred during rainy including carriage all leads, lifts complete as per specifications and directions of Engineer in charge of work.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Qty vide R. Bill II no (8)	
9]	Construction of granular sub-base grading-V. and sub base and drainage layer by providing coarse graded crushed stone aggregate of granite/trap/basalt material mixing in a mechanical mix plant at one, Carriage of mixed material to work site, spreading in uniform layers with motor grader wo prepared surface and compacting with vibratory power Roller to achieve 98% proctor density Complete as per specifications, cleaning of roads v. Returns Complete as per specifications and					p.no. = 2236.06 − 2053.19 = 182.87 m² @ 6.67/m²	14915.00 < 15029.00

M. A. R. 57 (Rule 116) No. E 536020

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	directions of Engineer in-charge of Work,						
						Qty vide R. Bill II no. 09	
						p.no. = 1479.61 − 1328.94 = 150.67 m² @ 2092.67/m³	315084.00
10]	cement concrete pavement, construction of un-reinforced plain cement concrete for pavement using a grade concrete M.30 over a prepared base with one coarse aggregate @ 0.69 m³ fine aggregate @ 0.46 m³ coarse aggregate conforming to IS: 383-2016, with superplasticizer @ 2% by weight of						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to 25 9103-2008 mixed in a Concrete mixers, of such less than 0.6m³ Capacity and a appropriate weigh batcher as per approved mix design, laid in approved steel side form work, steel channel, laying and laying 125 micron thick polythene film, Wedges, steel pins including leveling the form work as per drawing.) and spreading the concrete with shovels, rackers, Compacted using needle, screed and plate vibrator and finished with floaters in a Continuous operation including provision of Contraction, Expansion, Centre and Longitudinal joints including grove						
	Qty vide R. Bill. Pg no. (10)						

M. A. R. 57 (Rule 116) **No. E** 536021

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		P.no	=	~~337.98~~ 335.04	Sqm	5466.30	~~18,47,500.00~~ 18,31,429.00
					Sqm Total Rs		~~93,51,516.00~~ 93,28,221.00
			Add 12%	Applicable GST			& ~~11,22,182.00~~ 11,19,287.00
	Certificate				Grand Total		Rs 1,04,73,695.00 ₹ 1,04,47,508.00
	(1) certified that the contractor has work done satisfactorily.						
	(2) the Contractor has removed the debris from site.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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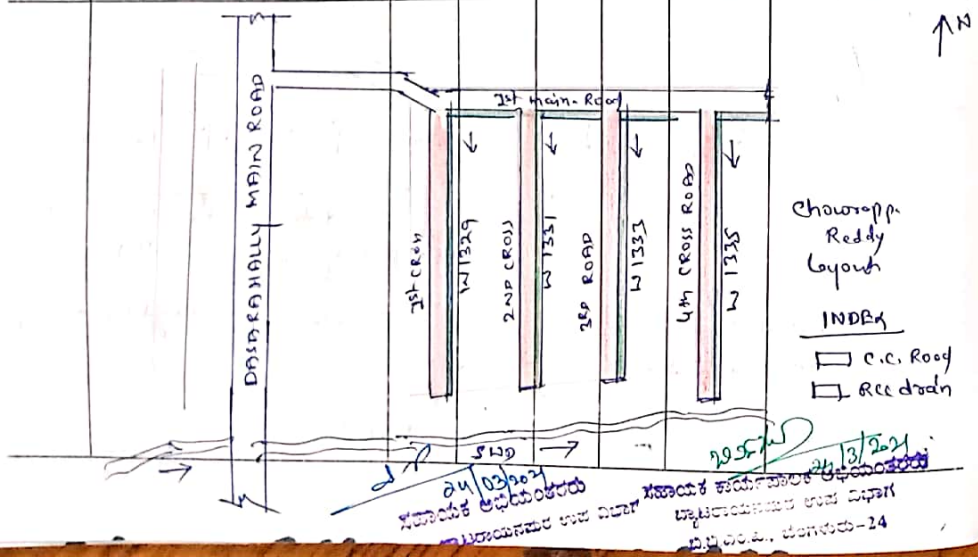
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



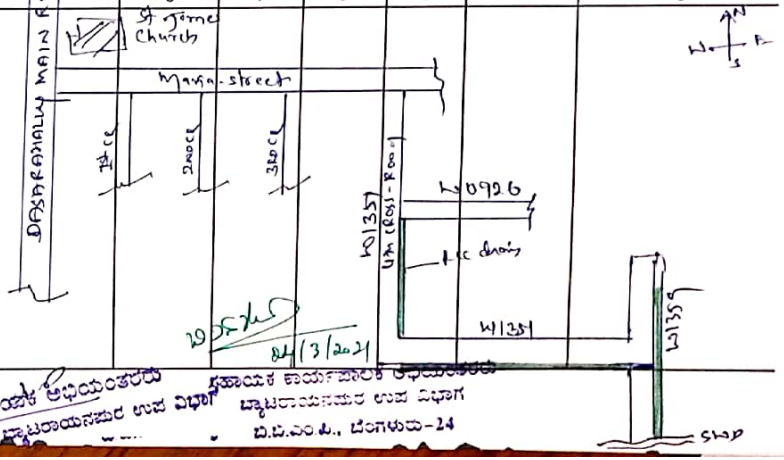
24/03/2021
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

24/3/2021
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

M. A. R. 57 (Rule 116) No. E 536022
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



24/3/2021
ಸಹಾಯಕ ಅಭಿಯಂತರರು
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24/3/2021
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ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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